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## **CLAIMS**

A method of forming a tube comprising the steps of:
 positioning the tube in a first position;
forming an indentation on the tube with a mold;
 moving the tube to a second position relative to the mold; and
 releasing the mold from the tube.

- 2. The method as recited in claim 1 further including the step of repeating the step of forming an indentation.
  - 3. The method as recited in claim 1 wherein the step of moving occurs before the step of releasing.
- 15 4. The method as recited in claim 1 wherein the step of moving occurs after the step of releasing.

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5. The method as recited in claim 1 wherein the step of moving includes rotating the tube relative to the mold and translating the tube relative to the mold.

6. The method as recited in claim 5 wherein the step of moving occurs after the step of releasing.

- 7. The method as recited in claim 1 wherein the step of moving includes translating the tube relative to the mold.
  - 8. The method as recited in claim 7 wherein the step of moving occurs after the step of releasing.
- 30 9. The method as recited in claim 5 further including the step of repeating the step of forming an indentation, wherein the step of rotating includes rotating the tube relative to the mold between approximately 5 to 10° between each of the step of repeating.

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10. The method as recited in claim 1 wherein the tube includes an end portion, and the end portion has a substantially circular cross-section.

- 11. The method as recited in claim 1 wherein the mold includes a roller that engages the tube, and the step of moving the tube forms a groove on the tube as the roller engages the tube.
  - 12. The method as recited in claim 11 wherein the step of moving includes rotating and translating the tube relative to the mold.

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- 13. The method as recited in claim 11 wherein the step of moving includes translating the tube relative to the mold.
- 14. The method as recited in claim 11 wherein the mold includes a plurality of rollers.
  - 15. A heat exchanger comprising:

a plurality of tubes, each of said plurality of tubes including a body portion and a plurality of indentations; and

- a shell portion surround said plurality of tubes.
  - 16. The heat exchanger as recited in claim 15 wherein a first fluid flows through said plurality of tubes and a second fluid flows through the shell, and the first fluid exchanges heat with the second fluid.

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- 17. The heat exchanger as recited in claim 16 further including a valve controls a flow of the first fluid into said plurality of tubes.
- 18. The heat exchanger as recited in claim 15 wherein the plurality of indentations are substantially parallel to a flow of a fluid through each of the plurality of tubes.
  - 19. The heat exchanger as recited in claim 15 wherein each of the plurality of tubes has opposing end portions having a substantially circular cross-section.